

ABSTRACT OF THE DISCLOSURE

An edge device is disposed at an entrance of a MPLS domain.
The edge device, when receives a packet attached with a local
label from a communication device of users side, extracts a
5 destination label corresponding to the local label from a label
learning table, rewrites the local label in the packet with the
extracted label, and transmits the packet to a neighboring LSR
corresponding to the extracted label within the MPLS domain.

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